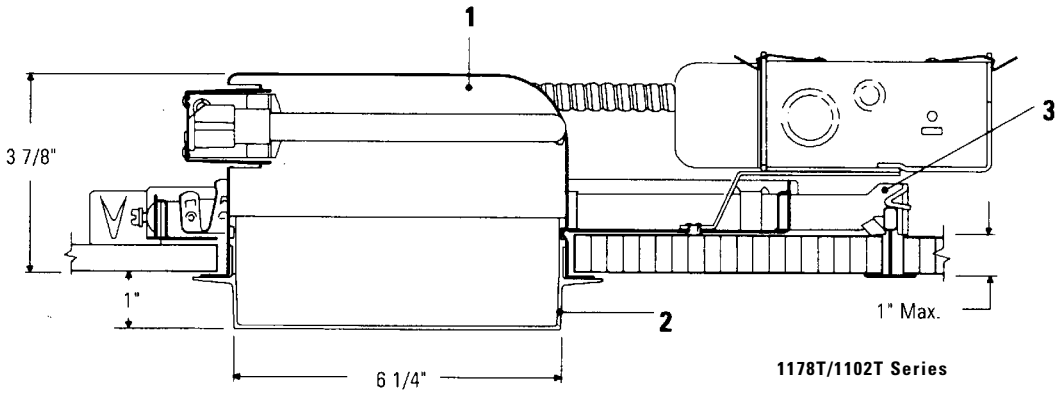
Lytecaster® Recessed Downlighting **1178T**

6 3/4" Aperture Low Profile Dropped Diffuser Reflector Trim



Complete Fixture consists of Reflector Trim & Frame-In Kit. Select each separately.

ReflectorTrim	Frame-In Kit — See Individual Frame-In Kit Specification Sheets			
	Fluorescent			
	Frame-In Kit	Installation Type	Lamping	Height
1178T Dropped Diffuser	**1102T1** **1102TH1** **1102TH2** **1102TM1** **1102TM2** **1102TH1R**	Non-IC Non-IC Non-IC Non-IC Emergency Non-IC Emergency Non-IC Remodeler	2 Lamp 13W Twin Tube Compact Fluorescent (Gx23) 2 Pin Base	3 7/8" 3 7/8" 3 7/8" 3 7/8" 3 7/8" 3 7/8"
	1102T13U	Non-IC	2 Lamp 13W Quad Tube Compact Fluorescent (G24q-1) 4 Pin Base	3 7/8"
	1102T18U	Non-IC	2 Lamp 18W Quad Tube Compact Fluorescent (G24q-2) 4 Pin Base	3 7/8"
	1102T26U	Non-IC	2 Lamp 26W Quad Tube Compact Fluorescen (G24q-3) 4 Pin Base	3 7/8"

Features

1. **Reflector:** Hydroformed aluminum, 18 ga.; white gloss finish on inside and trim flange.
2. **Diffuser:** Translucent white polycarbonate Lexan®. Installs and removes with twist-lock action, no tools required. Gasketed to keep out dirt and moisture. (Lexan® is a registered trademark of General Electric Corp.)
3. **Frame-In Kit:** (1102T1 standard frame shown; other frames listed above.) See Frame-In Kit specification sheet for more details.

Options & Accessories

Accessory Cones:	**1550 -**	Matte Black Step Baffle
	1550 -	CL, GD, BK, BA, BG, WH, CD
Retaining Clips:	**1955 -**	For installing in existing ceiling.
Extra Wide Flange Trim Ring:	**1954 -**	8-7/8" O.D.
Plaster Ring:	**1961**	

Labels

UL (Suitable for Wet Locations in Ceilings, Walls, Spas, and Hot Tubs), I.B.E.W.

Lexan® is a registered trademark of General Electric.
US Patent Nos. 4,313,154; 4,327,403

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

Lightolier a Genlyte company www.lightolier.com
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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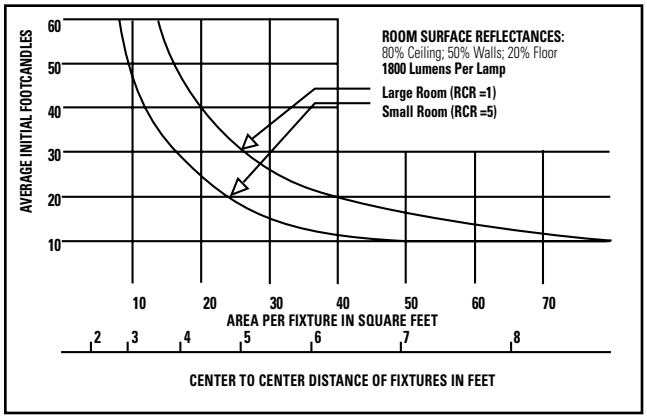


Use quick calculator chart to determine the spacing of 2 Lt. 26 Watt Quad Tube units for a desired level of illumination. Conversion Factors: 2 Lt. - 18W Quad Tube, F.C. x 0.7; 2 Lt. - 13W Twin Tube, F.C. x 0.55.

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	80			70			50			30			10			0
	% WALL REFLECTANCE															
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
																.15
1	.22	.21	.20	.21	.20	.19	.19	.19	.18	.18	.18	.17	.17	.17	.16	.13
2	.19	.17	.16	.18	.17	.15	.17	.16	.15	.16	.15	.14	.15	.14	.13	.10
3	.16	.14	.13	.16	.14	.13	.15	.13	.12	.14	.13	.12	.13	.12	.11	.09
4	.14	.12	.11	.14	.12	.11	.13	.12	.10	.12	.11	.10	.12	.10	.10	.08
5	.13	.11	.09	.12	.10	.09	.12	.10	.09	.11	.10	.08	.10	.09	.08	.07
6	.11	.09	.08	.11	.09	.08	.10	.09	.08	.10	.08	.07	.09	.05	.07	.06
7	.10	.08	.07	.10	.08	.07	.09	.08	.06	.09	.07	.06	.08	.07	.06	.05
8	.09	.07	.06	.09	.07	.06	.08	.07	.06	.08	.07	.05	.08	.06	.05	.04
9	.08	.06	.05	.08	.06	.05	.08	.06	.05	.07	.06	.05	.07	.06	.05	.04
10	.08	.06	.05	.07	.06	.05	.07	.05	.04	.07	.05	.04	.06	.05	.04	

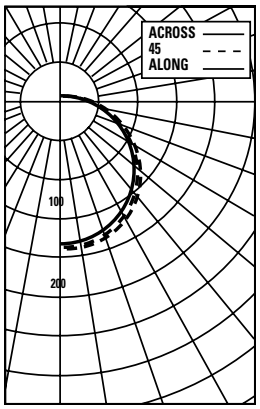
20% FLOOR CAVITY REFLECTANCE

Conversion factors: 18W Quad Tube, C.U. x 1.0
13W Twin Tube, C.U. x 1.1

SPACING RATIO = 1.3

CERTIFIED TEST REPORTED NO. 0160FR
COMPUTED BY LSI PROGRAM **TEST-LITE**

RECESSED LYTECASTER DOWNLIGHT
6 1/4" DIA. APERTURE, WHITE REFLECTOR WITH DROP DIFFUSER
TWO 26W QUAD TUBE 2 PIN LAMPS. LUMEN RATING = 1800 LMS.



CANDLEPOWER SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	LUMENS
0	187	187	187	187	187	
5	187	188	190	185	185	18
10	185	187	189	183	181	
15	183	184	187	181	178	52
20	179	180	183	177	175	
25	174	176	178	172	170	81
30	168	169	172	166	164	
35	161	162	165	159	156	101
40	153	154	157	150	148	
45	144	145	148	141	139	111
50	134	135	137	131	129	
55	123	124	127	120	117	110
60	111	113	116	108	105	
65	99	102	103	95	91	98
70	86	89	89	85	79	
75	70	74	73	75	65	77
80	55	57	60	63	51	
85	39	41	46	50	38	49

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0–30	150	4.17	19.19
0–40	251	6.98	32.10
0–60	472	13.12	60.34
0–90	696	19.34	88.94
40–90	444	12.36	56.84
60–90	223	6.22	28.60
90–180	86	2.41	11.06
0–180	782	21.75	100.00

** EFFICIENCY = 21.7% **

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

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